

# United States Patent Application

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next name; that

I verily believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought the invention entitled: DIGIT LINE ARCHITECTURE FOR DYNAMIC MEMORY.

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 Code of Federal Regulations, § 1.56 (see page 3 attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such applications have been filed.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

### Application Number

60/010,622

60/010,293

### Filing Date

January 26, 1996

February 1, 1996

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the United States or PCT international filing date of this application.

No such applications have been filed.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Bianchi, Timothy E.  
Billig, Patrick G.  
Billion, Richard E.  
Brennan, Thomas F.  
Burke, John E.  
Clark, Barbara J.  
Dryja, Michael A.  
Embretson, Janet E.  
Farney, W. Bryan

Reg. No. 39,610  
Reg. No. 38,080  
Reg. No. 32,836  
Reg. No. 35,075  
Reg. No. 35,836  
Reg. No. 38,107  
Reg. No. 39,662  
Reg. No. 39,665  
Reg. No. 32,651

Fogg, David N.  
Forrest, Bradley A.  
Forrest, Peter  
Holloway, Sheryl S.  
Kalinowski, Leonard J.  
Klima-Silberg, Catherine I.  
Kluth, Daniel J.  
Lemaire, Charles A.  
Lempia, Bryan J.

Reg. No. 35,138  
Reg. No. 30,837  
Reg. No. 33,235  
Reg. No. 37,850  
Reg. No. 24,207  
Reg. No. 40,052  
Reg. No. 32,146  
Reg. No. 36,198  
Reg. No. 39,746

Litman, Mark A.  
Lundberg, Steven W.  
Lynch, Michael L.  
Pappas, Lia M.  
Schwegman, Micheal L.  
Slifer, Russell D.  
Viksins, Ann S.  
Woessner, Warren D.

Reg. N  
Reg. N  
Reg. N  
Reg. N  
Reg. N  
Reg. N  
Reg. N  
Reg. N

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402  
Telephone N . (612)339-0331

**§ 1.56 Duty to disclose information material to patentability.**

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to submit all such information for examination:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe a pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

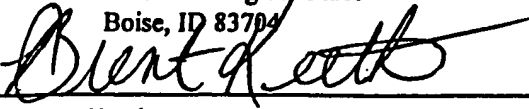
- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is in communication with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

Our Ref. 303.199US1  
Title: Digit Line Architecture for Dynamic memory  
Filing Date: Herewith

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such will statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole inventor : Brent Keeth  
Citizenship: United States of America Residence: Boise, ID  
Post Office Address: 3849 N. Sawgrass Place  
Boise, ID 83704

Signature:  Date: 8/20/96  
Brent Keeth

Full Name of inventor:  
Citizenship: Residence:  
Post Office Address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of inventor:  
Citizenship: Residence:  
Post Office Address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of inventor:  
Citizenship: Residence:  
Post Office Address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

**Brent Keeth**

**Serial No.: 08/701,749**

**Filed: August 22, 1996**

**For: DIGIT LINE ARCHITECTURE FOR  
DYNAMIC MEMORY**

**Examiner: Unknown**

**Group Art Unit: 2511**

**Attorney Docket No.: 3351US (96-  
0223.1)**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

October 23, 1997  
Date of Deposit

*Stacey Stampfer*  
Signature of registered practitioner or other  
person having reasonable basis to expect  
mailing to occur on date of deposit shown  
pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Stacey Stampfer  
Typed/printed name of person whose signature  
is contained above

**POWER OF ATTORNEY, REVOCATION OF PRIOR  
POWER OF ATTORNEY (37 C.F.R. § 1.36) and REQUEST TO  
CHANGE CORRESPONDENCE ADDRESS (37 C.F.R. § 1.33(d))  
with STATEMENT PURSUANT TO 37 C.F.R. § 3.73**

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**Sir:**

As Assignee of the entire interest in the above-identified application, all powers of attorney previously given herein are HEREBY REVOKED and the following attorneys are hereby appointed to prosecute and transact all business in the U.S. Patent and Trademark Office in connection herewith:

David V. Trask, Reg. No. 22,012  
William S. Britt, Reg. No. 20,969  
Thomas J. Rossa, Reg. No. 26,799  
Laurence B. Bond, Reg. No. 30,549  
Joseph A. Walkowski, Reg. No. 28,765  
James R. Duzan, Reg. No. 28,393

Allen C. Turner, Reg. No. 33,041  
Kent S. Burningham, Reg. No. 30,453  
Julie K. Morriss, Reg. No. 33,263  
Keith L. Hargrove, Reg. No. 34,836  
Robert G. Winkle, Reg. No. 37,474  
Patrick McBride, Reg. No. 39,295  
Edgar R. Cataxinos, Reg. No. 39,931  
Brick G. Power, Reg. No. 38,581  
Michael L. Lynch, Reg. No. 30,871  
Lia M. Pappas, Reg. No. 34,095

In accordance with 37 C.F.R. § 1.33(d), please change the address for all purposes in connection with the above-identified patent and direct all communications to:

JAMES R. DUZAN  
TRASK, BRITT & ROSSA  
P. O. Box 2550  
Salt Lake City, Utah 84110  
(801) 532-1922

Pursuant to 37 C.F.R. § 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically the Assignment to Micron Technology, Inc. recorded on August 22, 1996 at Reel 8165, Frame 0056, and certifies that to the best of his knowledge and belief, title remains in the name of Micron Technology, Inc. as Assignee of record of the entire interest in the above-identified patent application.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Respectfully submitted,

MICRON TECHNOLOGY, INC.

Dated: Oct 20, 1997

By: [Signature]  
Michael L. Lynch, Esq.  
Chief Patent Counsel, an authorized  
representative empowered to grant the  
foregoing power of attorney